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*Admitted only in Maryland
*Admitted only in Virginia
*Practice Limited to
Federal Agencies

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 2816
Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 10/781,822; Filed: February 20, 2004
For: **Charge Pump Including a Feedback Device For Use In A Phase-Locked Loop (as amended)**
Inventor: Ka Lun Choi
Our Ref: 1875.1060002

Sir:

Transmitted herewith for appropriate action are the following documents:

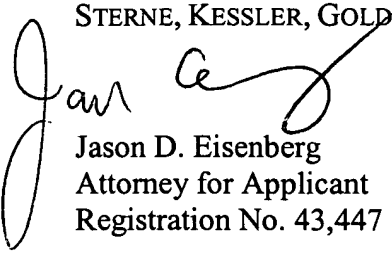
1. Amendment And Reply Under 37 C.F.R. § 1.111; and
2. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

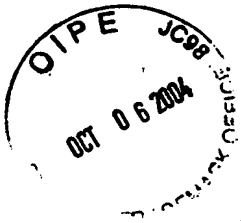
The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


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JDE/lvt
319475_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ka Lun Choi

Appl. No.: 10/781,822

Filed: February 20, 2004

For: **Charge Pump Including a
Feedback Device For Use In A
Phase-Locked Loop (as amended)**

Confirmation No.: 3963

Art Unit: 2816

Examiner: Kenneth B. Wells

Atty. Docket: 1875.1060002

Amendment And Reply Under 37 C.F.R. § 1.111

Commissioner for Patents
Mail Stop Amendment
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated **July 12, 2004**, Applicants submit the following Amendment and Remarks. This Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, amendments to the specification by presenting replacement paragraphs marked up to show changes made;
- (C) Starting on a separate sheet, a complete listing of all of the claims:
 - in ascending order;
 - with status identifiers; and
 - with markings in the currently amended claims;
- (D) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.